First Quarter 2020 Financial Results Conference Call

May 7, 2020

the speed of life℠

Forward-Looking Statements and Non-GAAP Financial Measures

Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding the strength and resilience of the company's business model and expected synergies from the First Data acquisition. Statements can generally be identified as forward-looking because they include words such as “believes,” “anticipates,” “expects,” “could,” “should,” or words of similar meaning. Statements that describe the company's future plans, objectives or goals are also forward-looking statements. Forward-looking statements are subject to assumptions, risks and uncertainties that may cause actual results to differ materially from those contemplated by such forward-looking statements. The factors that could cause the company’s actual results to differ materially include, among others, the following, many of which are, and will be, amplified by the COVID-19 pandemic: the duration and intensity of the COVID-19 pandemic; governmental and private sector responses to the COVID-19 pandemic and the impact of such responses on the company; the impact of the COVID-19 pandemic on the company's employees, clients, vendors, operations and sales; the possibility that the company may be unable to achieve expected synergies and operating efficiencies from the acquisition of First Data Corporation ("First Data") within the expected time frames or at all or to successfully integrate the operations of First Data into the company's operations; such integration may be more difficult, time-consuming or costly than expected; profitability following the transaction may be lower than expected, including due to unexpected costs, charges or expenses resulting from the transaction; operating costs, customer loss and business disruption (including, without limitation, difficulties in maintaining relationships with employees, customers, clients or suppliers) may be greater than expected following the transaction; unforeseen risks relating to the company's liabilities or those of First Data may exist; the company's ability to meet expectations regarding the accounting and tax treatments of the transaction; the company's ability to compete effectively against new and existing competitors and to continue to introduce competitive new products and services on a timely, cost-effective basis; changes in customer demand for the company's products and services; the ability of the company's technology to keep pace with a rapidly evolving marketplace; the successful management of the company's merchant alliance program which involves several alliances not under its sole control; the impact of a security breach or operational failure on the company's business including disruptions caused by other participants in the global financial system; the failure of the company's vendors and merchants to satisfy their obligations; the successful management of credit and fraud risks in the company's business and merchant alliances; changes in local, regional, national and international economic or political conditions and the impact they may have on the company and its customers; the effect of proposed and enacted legislative and regulatory actions affecting the company or the financial services industry as a whole; the company's ability to comply with government regulations and applicable card association and network rules; the protection and validity of intellectual property rights; the outcome of pending and future litigation and governmental proceedings; the company's ability to successfully identify, complete and integrate acquisitions, and to realize the anticipated benefits associated with the same; the impact of the company’s strategic initiatives; the company’s ability to attract and retain key personnel; volatility and disruptions in financial markets that may impact the company's ability to access preferred sources of financing and the terms on which the company is able to obtain financing or increase its cost of borrowing; adverse impacts from currency exchange rates or currency controls; and other factors included in “Risk Factors” in the company's Annual Report on Form 10-K for the year ended December 31, 2019, and in other documents that the company files with the SEC, which are available at http://www.sec.gov. You should consider these factors carefully in evaluating forward-looking statements and are cautioned not to place undue reliance on such statements. The company assumes no obligation to update any forward-looking statements, which speak only as of the date of this presentation.

Use of Non-GAAP Financial Measures

This presentation includes non-GAAP financial measures. Additional information about these measures, reconciliations to the nearest GAAP financial measures and additional information about the basis of the presentation of our quarterly financial results are provided in the appendix to this presentation.

1Q-20 Key Financial Metrics

	Adjusted Revenue	Internal Revenue	Adjusted EPS
1Q-20	$3,478	$3,370	$0.99
1Q-19	$3,473	$3,254	$0.85
Change	—	4%	16%

$ in millions, except per share amounts.

See appendix for information regarding non-GAAP measures.

Other Financial Metrics

	Free Cash Flow Conversion	Adjusted Operating Margin
1Q-20	111%	27.8%
1Q-19	123%	27.7%
Change [1]	(12)	10 bps

[1] Free cash flow conversion change represents the change in percentage points.

See appendix for information regarding non-GAAP measures.

Internal Revenue Growth by Segment

Segment	1Q-20
Merchant Acceptance	6%
Financial Technology	1%
Payments and Network	3%
Total Company	4%

Internal revenue growth reflects the realignment of the company's reportable segments effective for the quarter ended March 31, 2020.

See appendix for information regarding non-GAAP measures.

1Q-20 Adjusted Operating Margin

Segment	1Q-20	1Q-19	Change (bps)
Merchant Acceptance	21.2%	25.6%	(440)
Financial Technology	28.3%	28.0%	30
Payments and Network	41.2%	38.4%	280
Total Company	27.8%	27.7%	10

Adjusted operating margin reflects the realignment of the company's reportable segments effective for the quarter ended March 31, 2020.

See appendix for information regarding non-GAAP measures.

Updated Revenue Synergy Targets and Composition

5 Year View

	Original Projection	Current Outlook
Distribution of Merchant Bank Acquiring Services	$200	$230
Expand Payments Offerings and Network Innovation	$250	$270
Integrated Sales	$50	$100
Total	**$500**	**$600**

$ in millions.
Note: Original projection is as of transaction announcement January, 2019.

Revenue Synergy Commentary

- Momentum in bank merchant with 109 new signings and ~400 FI's in pipeline
- Add-on solution opportunities growing with a near-term focus on credit processing, debit and output solutions
- International opportunities expanding faster than anticipated with issuer and merchant solutions
- Merchant add-on with biller services, walk-in services and digital disbursements
- Near-term innovation in risk, network and lending revenue opportunity

$27M revenue synergies in Q1
Expect $75 - $100M in 2020

Updated Cost Synergy Targets and Composition

5 Year View

	Original Projection	Current Outlook
Technology Infrastructure	$350	$550
Operational Synergies	$200	$300
Duplicative Corporate Structures	$350	$350
Total	**$900**	**$1,200**

$ in millions.
Note: Original projection is as of transaction announcement January, 2019.

Cost Synergy Commentary

- Streamlining our cost structure through enhanced efficiency and effectiveness
- Additional benefits realized through $4 billion vendor spend optimization
- Enhanced savings from contractor conversion and faster captive utilization
- Accelerated benefits from back office systems and facility consolidation to increase collaboration and client value
- Higher shared infrastructure leverage across call centers, corporate systems and data centers

$565M cost synergies actioned as of Q1
47% of $1.2 billion target since close

Appendix

Segment Realignment and Non-GAAP Financial Measures

Segment Realignment

The company realigned its reportable segments during the first quarter of 2020 to correspond with changes to its operating model to reflect its new management structure and organizational responsibilities ("Segment Realignment") following the acquisition of First Data. The company's new reportable segments are: Merchant Acceptance, Financial Technology and Payments and Network. Segment results for the three months ended March 31, 2019 have been restated to reflect the Segment Realignment.

Use of Non-GAAP Financial Measures

Due to the financial impact of the First Data acquisition, the company's non-GAAP financial performance measures have been recalculated in this presentation on a combined company basis reflecting its new reporting segments. The combined financial information has been prepared by making certain adjustments to the sum of historical First Data financial information determined in accordance with generally accepted accounting principles ("GAAP") and historical Fiserv financial information determined in accordance with GAAP. The historical combined financial information includes various estimates and is not necessarily indicative of the operating results of the combined companies had the transaction been completed at the assumed date or of the combined companies in the future. The historical combined financial information does not reflect any cost savings or other synergies anticipated as a result of the acquisition. In addition, the historical combined financial information does not reflect the impact of any purchase accounting adjustments that may arise from the acquisition as those impacts would be excluded in the preparation of the combined financial information. The combined financial information is not pro forma information prepared in accordance with Article 11 of Regulation S-X of the Securities and Exchange Commission, and the preparation of information in accordance with Article 11 would result in a significantly different presentation.

This presentation includes the following non-GAAP financial measures: "combined revenue," "adjusted revenue," "internal revenue," "internal revenue growth," "combined operating income," "adjusted operating income," "adjusted operating margin," "combined net income attributable to Fiserv," "adjusted net income," "adjusted net income, before impact of divestitures," "combined earnings per share," "adjusted earnings per share," "combined net cash provided by operating activities," "free cash flow," and "free cash flow conversion." Management believes that providing combined historical financial information, making adjustments for certain non-cash or other items and excluding certain pass-through revenue and expenses with respect to such combined information should enhance shareholders' ability to evaluate the combined company's performance, including providing a reasonable basis of comparison with its results for post-acquisition periods and providing additional insights into the factors and trends affecting the combined company's business. Additional information about these measures and reconciliations to the nearest GAAP financial measures are provided in this appendix.

Internal Revenue Growth

	Three Months Ended March 31,				
	2020		2019		Growth
Total Company					
Adjusted revenue	$	3,478	$	3,473	
Currency impact		45		—	
Acquisition adjustments		(6)		—	
Divestiture adjustments		(147)		(219)	
Internal revenue	$	3,370	$	3,254	4%
Merchant Acceptance					
Adjusted revenue	$	1,335	$	1,334	
Currency impact		34		—	
Acquisition adjustments		(6)		—	
Divestiture adjustments		(116)		(157)	
Internal revenue	$	1,247	$	1,177	6%
Financial Technology					
Adjusted revenue	$	718	$	725	
Currency impact		2		—	
Divestiture adjustments		—		(9)	
Internal revenue	$	720	$	716	1%
Payments and Network					
Adjusted revenue	$	1,396	$	1,365	
Currency impact		9		—	
Divestiture adjustments		(2)		(4)	
Internal revenue	$	1,403	$	1,361	3%
Corporate and Other					
Adjusted revenue	$	29	$	49	
Divestiture adjustments		(29)		(49)	
Internal revenue	$	—	$	—	

$ in millions. Internal revenue growth is calculated using actual, unrounded amounts. See page 10 for information regarding non-GAAP financial measures.

Internal revenue growth is measured as the increase in adjusted revenue (see pages 17-21) for the current period excluding the impact of foreign currency fluctuations and revenue attributable to acquisitions (except for revenue attributable to First Data which is presented on a combined company basis) and dispositions, divided by adjusted revenue from the prior period excluding revenue attributable to dispositions. Revenue attributable to dispositions includes the revenue associated with Banc of America Merchant Services, the dissolution of which is anticipated in June 2020, and transition services revenue within Corporate and Other. Currency impact is measured as the increase or decrease in adjusted revenue for the current period by applying prior period foreign currency exchange rates to present a constant currency comparison to prior periods.

Adjusted EPS

	1Q-20	1Q-19
GAAP EPS [1]	$ 0.57	$ 0.56
Combined EPS [1]	$ 0.57	$ 0.57
Combined adjustments - net of income taxes:		
Merger and integration costs [2]	0.26	0.07
Severance and restructuring costs [3]	0.05	0.02
Amortization of acquisition-related intangible assets [4]	0.59	0.16
Debt financing activities [5]	—	0.07
Impact of divestitures [6]	—	(0.02)
Non wholly-owned entity activities [7]	(0.02)	(0.01)
Gain on sale of businesses [6]	(0.46)	(0.01)
Adjusted EPS	$ 0.99	$ 0.85

Earnings per share is calculated using actual, unrounded amounts.

See page 10 for information regarding non-GAAP financial measures.

[1] GAAP earnings per share is computed by dividing GAAP net income by the weighted average common shares outstanding - diluted during the period. Combined earnings per share is computed by dividing combined net income attributable to Fiserv by the combined weighted average common shares outstanding - diluted during the period. The combined weighted average common shares outstanding - diluted is computed based on the historical Fiserv weighted average shares outstanding - diluted determined in accordance with GAAP, adjusted to include the Fiserv shares issued as merger consideration and shares subject to First Data equity awards assumed by Fiserv in connection with the First Data acquisition.

[2] Represents acquisition and related integration costs incurred as a result of the company's various acquisitions. Merger and integration costs include $221 million and $57 million in the first quarter of 2020 and 2019, respectively, related to the First Data acquisition. First Data integration-related costs in the first quarter of 2020 primarily include $52 million of accelerated depreciation and amortization associated with the termination of certain vendor contracts; $52 million of incremental share-based compensation, including the fair value of stock awards assumed by Fiserv; $45 million of other integration-related compensation costs; and $47 million of third party professional service fees associated with integration-related activities. Merger and integration costs related to the First Data acquisition in the first quarter of 2019 include $37 million of legal and other professional service fees, primarily consisting of transaction costs.

[3] Represents severance and other costs associated with the achievement of ongoing expense management initiatives, including real estate and data center consolidation activities.

Adjusted EPS (cont.)

[4] Represents amortization of intangible assets acquired through various acquisitions, including customer relationships, software/technology, and trade names. This adjustment does not exclude the amortization of other intangible assets such as contract assets (sales commissions and deferred conversion costs), capitalized and purchased software, and financing costs and debt discounts. See additional information on page 22 for an analysis of the company's amortization expense.

[5] Represents expenses associated with entering into and maintaining a bridge term loan facility for the purpose of refinancing certain indebtedness of First Data upon the closing date of the acquisition.

[6] Represents the earnings attributable to divested businesses and the gain on the associated divestiture transactions, including two businesses acquired as part of the First Data acquisition that were sold in October 2019 and the sale of a 60% interest in the Investment Services business in February 2020.

[7] Represents the company's share of amortization of acquisition-related intangible assets at its unconsolidated affiliates, as well as the minority interest share of amortization of acquisition-related intangible assets at its subsidiaries in which it holds a controlling financial interest.

Adjusted Net Income

	1Q-20	1Q-19
GAAP net income	$ 392	$ 225
GAAP net income attributable to First Data [1]	—	169
Combined net income attributable to Fiserv	392	394
Combined adjustments:		
Merger and integration costs [2]	234	64
Severance and restructuring costs [3]	47	21
Amortization of acquisition-related intangible assets [4]	525	145
Debt financing activities [5]	—	60
Non wholly-owned entity activities [7]	(17)	(12)
Tax impact of adjustments [8]	(179)	(64)
Gain on sale of businesses [6]	(431)	(9)
Tax impact of gain on sale of businesses [8]	113	2
Adjusted net income, before impact of divestitures	684	601
Impact of divestitures [6]	—	(17)
Taxes on impact of divestitures [8]	—	4
Adjusted net income	$ 684	$ 588
Weighted average common shares outstanding - diluted	691.2	399.1
Issuance of shares for combination	—	286.3
Dilutive impact of exchanged equity awards	—	7.8
Combined weighted average common shares outstanding - diluted [9]	691.2	693.2
GAAP earnings per share [9]	$ 0.57	$ 0.56
Combined earnings per share [9]	$ 0.57	$ 0.57

$ in millions, except per share amounts. See page 10 for information regarding non-GAAP financial measures.

Adjusted Net Income (cont.)

[1] Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.

[2] Represents acquisition and related integration costs incurred as a result of the company's various acquisitions. Merger and integration costs include $221 million and $57 million in the first quarter of 2020 and 2019, respectively, related to the First Data acquisition. First Data integration-related costs in the first quarter of 2020 primarily include $52 million of accelerated depreciation and amortization associated with the termination of certain vendor contracts; $52 million of incremental share-based compensation, including the fair value of stock awards assumed by Fiserv; $45 million of other integration-related compensation costs; and $47 million of third party professional service fees associated with integration-related activities. Merger and integration costs related to the First Data acquisition in the first quarter of 2019 include $37 million of legal and other professional service fees, primarily consisting of transaction costs.

[3] Represents severance and other costs associated with the achievement of ongoing expense management initiatives, including real estate and data center consolidation activities.

[4] Represents amortization of intangible assets acquired through various acquisitions, including customer relationships, software/technology, and trade names. This adjustment does not exclude the amortization of other intangible assets such as contract assets (sales commissions and deferred conversion costs), capitalized and purchased software, and financing costs and debt discounts. See additional information on page 22 for an analysis of the company's amortization expense.

[5] Represents expenses associated with entering into and maintaining a bridge term loan facility for the purpose of refinancing certain indebtedness of First Data upon the closing date of the acquisition.

[6] Represents the earnings attributable to divested businesses and the gain on the associated divestiture transactions, including two businesses acquired as part of the First Data acquisition that were sold in October 2019 and the sale of a 60% interest in the Investment Services business in February 2020.

[7] Represents the company’s share of amortization of acquisition-related intangible assets at its unconsolidated affiliates, as well as the minority interest share of amortization of acquisition-related intangible assets at its subsidiaries in which it holds a controlling financial interest.

[8] The tax impact of adjustments is calculated using a tax rate of 23%, which approximates the combined company's annual effective tax rate, exclusive of the actual tax impacts associated with the gain on sale of businesses.

[9] GAAP earnings per share is computed by dividing GAAP net income by the weighted average common shares outstanding - diluted during the period. Combined earnings per share is computed by dividing combined net income attributable to Fiserv by the combined weighted average common shares outstanding - diluted during the period. The combined weighted average common shares outstanding - diluted is computed based on the historical Fiserv weighted average shares outstanding - diluted determined in accordance with GAAP, adjusted to include the Fiserv shares issued as merger consideration and shares subject to First Data equity awards assumed by Fiserv in connection with the First Data acquisition.

Free Cash Flow Conversion

	YTD-20	YTD-19
Net cash provided by operating activities	$ 888	$ 373
First Data net cash provided by operating activities [1]	—	615
First Data payments for contract assets [2]	—	(31)
Combined net cash provided by operating activities	888	957
Combined capital expenditures	(246)	(233)
Combined adjustments:		
Distributions paid to noncontrolling interests and redeemable noncontrolling interests	(26)	(52)
Distributions from unconsolidated affiliates [3]	36	—
Severance, restructuring, merger and integration payments	139	86
Tax payments on adjustments and debt financing	(31)	(20)
Free cash flow	$ 760	$ 738
Adjusted net income, before impact of divestitures	$ 684	$ 601
Free cash flow conversion	111 %	123%
GAAP net income attributable to Fiserv, Inc.	$ 392	$ 225
Ratio of net cash provided by operating activities to GAAP net income	227%	166%

$ in millions. Free cash flow conversion is defined as free cash flow divided by adjusted net income before the impact of divestitures.

See page 10 for information regarding non-GAAP financial measures. See pages 14-15 for adjusted net income reconciliation.

[1] Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.

[2] Represents the conformity of First Data's historical classification of payments for contract assets to be consistent with the company's classification and treatment.

[3] Distributions from unconsolidated affiliates totaled $47 million and $52 million for the three months ended March 31, 2020 and 2019, respectively, of which $11 million of the 2020 distributions are recorded within net cash provided by operating activities and $52 million of the 2019 distributions are recorded within First Data net cash provided by operating activities.

Adjusted Revenue and Adjusted Operating Income

Total Company

	1Q-20	1Q-19
Revenue	$ 3,769	$ 1,502
First Data revenue [1]	—	2,316
Combined revenue	3,769	3,818
Combined adjustments:		
Intercompany eliminations [2]	—	(2)
Output Solutions postage reimbursements	(235)	(250)
Deferred revenue purchase accounting adjustments	12	—
Merchant Services adjustment [3]	(68)	(93)
Adjusted revenue	$ 3,478	$ 3,473
Operating income	$ 629	$ 373
First Data operating income [1]	—	424
Combined operating income	629	797
Combined adjustments:		
Merger and integration costs	234	64
Severance and restructuring costs	47	21
Amortization of acquisition-related intangible assets	525	145
Merchant Services adjustment [3]	(36)	(55)
Gain on sale of businesses	(431)	(9)
Adjusted operating income	$ 968	$ 963
Operating margin	16.7%	24.8%
Adjusted operating margin	27.8%	27.7%

$ in millions. Operating margin percentages are calculated using actual, unrounded amounts.
See page 10 for information regarding non-GAAP financial measures.

Adjusted Revenue and Adjusted Operating Income (cont.)

[1] Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.

[2] Represents the elimination of intercompany revenue and expense between First Data and the company.

[3] Represents an adjustment primarily related to the company's joint venture with Bank of America. The company and Bank of America jointly announced the dissolution of the Banc of America Merchant Services joint venture ("BAMS"), to be effective June 2020. The company owns 51% of BAMS and BAMS' financial results are 100% consolidated into the company's financial statements for GAAP reporting purposes. Upon dissolution of the joint venture, the company is entitled to receive a 51% share of the joint venture's value via an agreed upon contractual separation process. In addition, Bank of America has the right to require the company to continue providing merchant processing and related services to the joint venture clients allocated to Bank of America in the dissolution of the joint venture through June 2023 at current pricing. The company anticipates an ongoing relationship with Bank of America to provide processing and other support services to other Bank of America merchant clients following the joint venture's dissolution. The non-GAAP adjustment reduces adjusted revenue and adjusted operating income by the joint venture revenue and expense that is not expected to be retained by the company upon dissolution and is partially offset by an increase to processing and services revenue.

Adjusted Revenue and Adjusted Operating Income by Segment

Merchant Acceptance Segment

	1Q-20	1Q-19
Revenue	$ 1,401	$ —
First Data revenue [1]	—	1,427
Combined revenue	1,401	1,427
Combined adjustments:		
Deferred revenue purchase accounting adjustments	2	—
Merchant Services adjustment [2]	(68)	(93)
Adjusted revenue	$ 1,335	$ 1,334
Operating income	$ 317	$ —
First Data operating income [1]	—	396
Combined operating income	317	396
Combined adjustments:		
Merger and integration costs	2	—
Merchant Services adjustment [2]	(36)	(55)
Adjusted operating income	$ 283	$ 341
Operating margin	22.6%	—
Adjusted operating margin	21.2%	25.6%

$ in millions. Operating margin percentages are calculated using actual, unrounded amounts.
See page 10 for information regarding non-GAAP financial measures.

1 Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.

2 Represents an adjustment primarily related to the company's joint venture with Bank of America. The company and Bank of America jointly announced the dissolution of the Banc of America Merchant Services joint venture ("BAMS"), to be effective June 2020. The company owns 51% of BAMS and BAMS' financial results are 100% consolidated into the company's financial statements for GAAP reporting purposes. Upon dissolution of the joint venture, the company is entitled to receive a 51% share of the joint venture's value via an agreed upon contractual separation process. In addition, Bank of America has the right to require the company to continue providing merchant processing and related services to the joint venture clients allocated to Bank of America in the dissolution of the joint venture through June 2023 at current pricing. The company anticipates an ongoing relationship with Bank of America to provide processing and other support services to other Bank of America merchant clients following the joint venture's dissolution. The non-GAAP adjustment reduces adjusted revenue and adjusted operating income by the joint venture revenue and expense that is not expected to be retained by the company upon dissolution and is partially offset by an increase to processing and services revenue.

Adjusted Revenue and Adjusted Operating Income by Segment

Financial Technology Segment

	1Q-20	1Q-19
Revenue	$ 718	$ 725
Operating income	$ 204	$ 203
Operating margin	28.3%	28.0%

$ in millions. Operating margin percentages are calculated using actual, unrounded amounts.

For all periods presented in the Financial Technology segment, there were no adjustments to GAAP measures presented and thus the adjusted measures are equal to the GAAP measures presented.

See page 10 for information regarding non-GAAP financial measures.

Adjusted Revenue and Adjusted Operating Income by Segment

Payments and Network Segment

	1Q-20	1Q-19
Revenue	$ 1,386	$ 651
First Data revenue [1]	—	716
Combined revenue	1,386	1,367
Combined adjustments:		
Intercompany eliminations [2]	—	(2)
Deferred revenue purchase accounting adjustments	10	—
Adjusted revenue	$ 1,396	$ 1,365
Operating income	$ 565	$ 274
First Data operating income [1]	—	249
Combined operating income	565	523
Combined adjustments:		
Merger and integration costs	10	—
Adjusted operating income	$ 575	$ 523
Operating margin	40.8%	42.1%
Adjusted operating margin	41.2%	38.4%

$ in millions. Operating margin percentages are calculated using actual, unrounded amounts.

See page 10 for information regarding non-GAAP financial measures.

[1] Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.

[2] Represents the elimination of intercompany revenue and expense between First Data and the company.

Additional Information – Amortization Expense

Total Amortization [1]	Three Months Ended March 31, 2020		Three Months Ended March 31, 2019	
Acquisition-related intangible assets	$	553	$	45
Capitalized software		38		38
Purchased software		56		12
Financing costs, debt discounts and other		12		63
Sales commissions		22		20
Deferred conversion costs		7		5
Total amortization	$	688	$	183
First Data acquisition-related intangible assets	$	—	$	100
First Data capitalized software		—		25
First Data purchased software		—		29
First Data financing costs, debt discounts and other		—		3
First Data sales commissions		—		—
First Data deferred conversion costs		—		9
Total First Data amortization [2]	$	—	$	166
Combined acquisition-related intangible assets	$	553	$	145
Combined capitalized software		38		63
Combined purchased software		56		41
Combined financing costs, debt discounts and other		12		66
Combined sales commissions		22		20
Combined deferred conversion costs		7		14
Total combined amortization	$	688	$	349

$ in millions

[1] The company adjusts its non-GAAP results to exclude amortization of acquisition-related intangible assets as such amounts are inconsistent in amount and frequency and are significantly impacted by the timing and/or size of acquisitions (see corresponding adjustment on page 14). The adjustment for acquired First Data software/ technology excludes only the incremental amortization related to the fair value purchase accounting allocation. Management believes that the adjustment of acquisition-related intangible asset amortization supplements the GAAP information with a measure that can be used to assess the comparability of operating performance. Although the company excludes amortization from acquisition-related intangible assets from its non-GAAP expenses, management believes that it is important for investors to understand that such intangible assets were recorded as part of purchase accounting and contribute to revenue generation. Amortization of intangible assets that relate to past acquisitions will recur in future periods until such intangible assets have been fully amortized. Any future acquisitions may result in the amortization of additional intangible assets.

[2] Represents the financial results of First Data prior to the date of acquisition. For the three months ended March 31, 2019, this includes the results of First Data from January 1, 2019 through March 31, 2019.